



Practitioner's Docket No. MSU 4.1-633

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Natasha V. Raikhel and Kenneth G. Keegstra

Application No.: 0 10/037,311 Group No.: 1638

Filed: November 9, 2001 Examiner: Anne R. Kubelik

For: XYLOGLUCAN FUCOSYLTRANSFERASES

Assistant Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT TRANSMITTAL**

**RECEIVED**  
MAY 14 2003  
TECH CENTER 1600/2900

1. Transmitted herewith is an amendment for this application.

**STATUS**

2. Applicant is

☒ a small entity. A statement:

☐ is attached.

☒ was already filed.

☐ other than a small entity.

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***

(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

☒ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 \*

☒ with sufficient postage as first class mail.

☐ as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**

☐ facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

Tammi L. Taylor

Signature

Date: 5/08/2003

Tammi L. Taylor

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Amendment Transmittal [9-19]—page 1 of 4)

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## EXTENSION OF TERM

**NOTE:** "Extension of Time in Patent Cases (Supplement Amendments) — If a timely and complete response has been filed after a Non-Final Office Action, an extension of time is not required to permit filing and/or entry of an additional amendment after expiration of the shortened statutory period.

If a timely response has been filed after a Final Office Action, an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period unless the timely-filed response placed the application in condition for allowance. Of course, if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run." Notice of December 10, 1985 (1061 O.G. 34-35).

**NOTE:** See 37 C.F.R. § 1.645 for extensions of time in interference proceedings, and 37 C.F.R. § 1.550(c) for extensions of time in reexamination proceedings.

**NOTE:** 37 C.F.R. § 1.704(b) ". . . an applicant shall be deemed to have failed to engage in reasonable efforts to conclude processing or examination of an application for the cumulative total of any periods of time in excess of three months that are taken to reply to any notice or action by the Office making any rejection, objection, argument, or other request, measuring such three-month period from the date the notice or action was mailed or given to the applicant, in which case the period of adjustment set forth in § 1.703 shall be reduced by the number of days, if any, beginning on the day after the date that is three months after the date of mailing or transmission of the Office communication notifying the applicant of the rejection, objection, argument, or other request and ending on the date the reply was filed. The period, or shortened statutory period, for reply that is set in the Office action or notice has no effect on the three-month period set forth in this paragraph."

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136 apply.

(complete (a) or (b), as applicable)

- (a) ☐ Applicant petitions for an extension of time under 37 C.F.R. § 1.136 (fees: 37 C.F.R. § 1.17(a)(1)-(4) for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 400.00	\$ 200.00
<input type="checkbox"/> three months	\$ 920.00	\$ 460.00
<input type="checkbox"/> four months	\$ 1,440.00	\$ 720.00

Fee: \$\_\_\_\_\_

If an additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

- ☐ An extension for \_\_\_\_\_ months has already been secured. The fee paid therefor of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$\_\_\_\_\_

OR

- (b) ☒ Applicant believes that no extension of term is required. However, this is a conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

(Amendment Transmittal [9-19]—page 2 of 4)

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## FEE F R CLAIMS

4. The fee for claims (37 C.F.R. § 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)		SMALL ENTITY		OTHER THAN A SMALL ENTITY		
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL	* 3	MINUS	** 20	=	-0-	x\$9=	\$ -0-		x\$18=	\$
INDEP.	* 2	MINUS	*** 3	=	-0-	x\$42=	\$ -0-		x\$84=	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						+ \$140=	\$ -0-		+ \$280=	\$
						TOTAL ADDIT. FEE	\$ -0-	OR	TOTAL ADDIT. FEE	\$

- \* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.  
 \*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20."  
 \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3."  
 The "Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.
- WARNING:** "After final rejection or action (§ 1.113) amendments may be made cancelling claims or complying with any requirement of form which has been made." 37 C.F.R. § 1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

(c) ☒ No additional fee for claims is required.

OR

(d) ☐ Total additional fee for claims required \$ \_\_\_\_\_.

## FEE PAYMENT

- ☐ Attached is a ☐ check ☐ money order in the amount of \$ \_\_\_\_\_
- ☐ Authorization is hereby made to charge the amount of \$ \_\_\_\_\_
- ☐ to Deposit Account No. \_\_\_\_\_
- ☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should not be included on this form as it may become public.

- ☐ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

(Amendment Transmittal [9-19]—page 3 of 4)

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### FEE DEFICIENCY

**NOTE:** If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).

6. ☒ If any additional extension and/or fee is required, charge Account  
No. 13-0610

### AND/OR

- ☒ If any additional fee for claims is required, charge Account  
No. 13-0610

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MAY 14 2003

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SIGNATURE OF PRACTITIONER

Ian C. McLeod  
(type or print name of practitioner)

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P.O. Address

Okemos, Michigan 48864

(Amendment Transmittal [9-19]—page 4 of 4)

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# 7/A



MSU 4.1-633  
11-13-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Natasha V. Raikhel and Kenneth G. Keegstra  
Application No.: 10/037,311 Group Art Unit: 1638  
Filing Date : 2001 November 09  
For : XYLOGLUCAN FUCOSYLTRANSFERASES  
Examiner :

U.S. Patent and Trademark Office  
BOX SEQUENCE  
P.O. Box 2327  
Arlington, Virginia 22202

**AMENDMENT UNDER 37 C.F.R. § 1.821(g)**

Dear Sir:

In response to the "Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures" mailed September 13, 2002, the applicants remark as set forth below.

Submitted with this amendment is a substitute computer readable form (CRF) copy of the Sequence Listing, a substitute paper copy of the Sequence Listing, and a copy of the Notice.

**REMARKS**

The Error Report accompanying the Notice indicated that the CFR copy submitted August 8, 2002, was damaged.

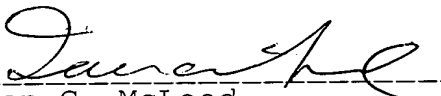
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Enclosed is a substitute CRF copy of the Sequence Listing. The content of the substitute CFR and paper copies are identical to the CRF and paper copy submitted with the Statement Under 37 C.F.R. §§ 1.821-1.825 mailed August 8, 2002 and contains no new matter as required.

The applicants request that the substitute paper copy of the Sequence Listing be entered into the specification.

Also enclosed is a Power of Attorney to be entered in the application. All future correspondence should be sent to Ian C. McLeod, McLeod & Moyne, P.C., 2190 Commons Parkway, Okemos, Michigan 48864.

Respectfully,

  
\_\_\_\_\_  
Ian C. McLeod  
Registration No. 20,931

McLEOD & MOYNE, P.C.  
2190 Commons Parkway  
Okemos, Michigan 48864

Tel: (517) 347-4100  
Fax: (517) 347-4103

Encls.: (1) Substitute Paper Copy of Sequence Listing  
(2) Substitute CRF of Sequence Listing  
(3) Copy of Notice  
(4) Power of Attorney

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